

DESCRIPTION: FAST PATCH is a sanded, cement-based, fast-setting concrete patch. FAST PATCH is formulated to set in fifteen minutes and gain strength rapidly. It will not slump, allowing for application without formwork.

USES: FAST PATCH can be used for:

1. General purpose concrete patching.
2. Patching or repairing connections in concrete pipe, precast concrete, overhead beams and floors.
3. Quick patching repairs on sidewalks, curbs and driveways.
4. Underwater concrete patching.

ADVANTAGES:

1. Controlled 15-minute set time.
2. High early strength, 7 MPa (1015 PSI) in one hour.
3. Superior bonding characteristics.
4. Usable on vertical and overhead surfaces.
5. Non-chloride.
6. Can be tooled and shaped.
7. Ready to use; just add water.

PROCEDURES:

1. **SURFACE PREPARATION:** All surfaces to be in contact with FAST PATCH must be entirely free of oil, grease or other foreign substances. Roughen surface and clean thoroughly with potable water leaving the concrete saturated but free of standing water.
2. **MIXING:** FAST PATCH should be thoroughly mixed to the desired consistency by varying the amount of water used. FAST PATCH is not designed to be a pourable patch. It is important not to exceed the recommended water requirements. Mortar mixers, drill and paddle, barrel-type mixers and hand mixing are suitable for blending FAST PATCH.

CONSISTENCY	RECOMMENDED MAX. WATER/25 kg (55 lb)
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Trowellable	4.0 litres (4.2 US quarts)
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3. **PLACEMENT:** FAST PATCH may be dry-packed or trowelled into place. Only mix the amount of material that can be easily placed in fifteen minutes.
4. **CURING:** It is desirable to moist cure FAST PATCH for at least eight hours after initial set.

TECHNICAL DATA:

The data outlined below is representative of typical values achievable under controlled laboratory conditions. Results obtained in the field may vary from those stated.

Flow	Test Method ASTM C 928	Trowellable 50 - 100 %
Compressive Strength MPa (PSI):	ASTM C 109	
1-Hour		7 (1015)
1-Day		10 (1450)
7-Day		30 (4350)
28-Day		40 (5800)
Set Time	ASTM C 266	Initial - 7 minutes Final - 15 minutes
Bleeding	CAN A 23.2 - 1B (ASTM C 940)	Nil
Segregation	CAN A 23.2 - 1B (ASTM C 940)	Nil
Density - kg/m ³ (lb/ft ³)	ASTM C 185	2171 (136)
Yield - m ³ /bag (ft ³ /bag)	ASTM C 185	0.013 (0.47)

LIMITATIONS:

Adhering to recommended water additions is very important. Exceeding the maximum recommended water content per sack will result in inferior physical properties.

1. FAST PATCH should not be used in applications where thickness exceeds 50 mm (2 inches).
2. FAST PATCH is designed as a trowellable concrete repair material. For structural applications requiring flowable consistencies and fast set, NON-SHRINK GROUT FAST SET should be used.
3. FAST PATCH set time and strength gain will slow noticeably when used in temperatures below 5 degrees C (41° F).
4. FAST PATCH is not designed for resurfacing large areas (15 ft² and over) In cases over 15 ft² use Traffic Patch Fine.
5. Liability for damages or defective goods shall be limited to the refund of the purchase price or product replacement.

PACKAGING:

FAST PATCH is packaged in 25 kg (55 lb) triple-lined paper bags, and tubs sized 2 kg (5 lb.), 5 kg (11 lb.) and 10 kg (22 lb.). All Basalite Dry Mix can be custom packaged to meet specific project requirements.

**SAFETY
PRECAUTIONS:**

FAST PATCH contains Portland cement and other carefully selected additives. Normal safety wear such as rubber gloves, dust mask and safety glasses, used to handle conventional cement-based products, should be worn. Material Safety Data Sheets are available upon request.

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